CRF Errors Corrected by the STIC Systems Branch

Serial Number: _08/486,913_

CRF Processing Date: _3/8/96_
Edited by: _____
Verified by: _____ (STIC staff)

☑ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: ENTERED

#5
to
3-20-96

_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

_____

☑ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _Seq. 8_

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:

_____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____ .

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

_____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

_____

☑ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Seq. 1

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

_____

_____

_____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                                    SEQUENCE LISTING    ENTERED
 2
 3    (1)      General Information:
 4
 5        (i)   APPLICANT:                Andrew C. Hiatt
 6
 7                                        Floyd Rose
 8
 9       (ii)   TITLE OF INVENTION:       3' PROTECTED NUCLEOTIDES
10                                        FOR ENZYME CATALYZED
11                                        TEMPLATE-INDEPENDENT CREATION
12                                        OF PHOSPHODIESTER
13                                        BONDS
14
15      (iii)   NUMBER OF SEQUENCES:      8
16
17       (iv)   CORRESPONDENCE ADDRESS:
18
19              (A)    ADDRESSEE:         Lyon & Lyon
20              (B)    STREET:            633 West Fifth Street
21                                        Suite 4700
22              (C)    CITY:              Los Angeles
23              (D)    STATE:             California
24              (E)    COUNTRY:           U.S.A.
25              (F)    ZIP:               90071
26
27        (v)   COMPUTER READABLE FORM:
28
29              (A)    MEDIUM TYPE:       3.5" Diskette, 1.44 Mb
30                                        storage
31              (B)    COMPUTER:          IBM Compatible
32              (C)    OPERATING SYSTEM:  IBM P.C. DOS 5.0
33              (D)    SOFTWARE:          Word Perfect 5.1
34
35       (vi)   CURRENT APPLICATION DATA:
36
37              (A)    APPLICATION NUMBER:
38              (B)    FILING DATE:
39              (C)    CLASSIFICATION:
40
41      (vii)   PRIOR APPLICATION DATA:
42              Prior applications total,
43              including application
44              described below:
45
46     (viii)   ATTORNEY/AGENT INFORMATION:
```

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/486,913*

DATE: 03/08/96
TIME: 16:38:12

INPUT SET: S9193.raw

```
47              (A)  NAME:                    Guise, Jeffrey W.
48              (B)  REGISTRATION NUMBER:     34,613
49              (C)  REFERENCE/DOCKET NUMBER: 207/145
50
51        (ix)  TELECOMMUNICATION INFORMATION:
52
53              (A)  TELEPHONE:               (619) 552-8400
54              (B)  TELEFAX:                 (619) 552-0159
55              (C)  TELEX:                   67-3510
56
57  (2) INFORMATION FOR SEQ ID NO:     1:
58
59          (i) SEQUENCE CHARACTERISTICS:
60
61              (A) LENGTH:        12
62              (B) TYPE:          nucleic acid
63              (C) STRANDEDNESS:  single
64              (D) TOPOLOGY:      linear
65
66         (ix) FEATURE:
67
68              (D) OTHER INFORMATION:  base number 12 is m7g
69
70
71         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
72
73  CCCCCCCCCC CG                                             12
74
75
76
77  (2) INFORMATION FOR SEQ ID NO:     2:
78
79          (i) SEQUENCE CHARACTERISTICS:
80
81              (A) LENGTH:        19
82              (B) TYPE:          nucleic acid
83              (C) STRANDEDNESS:  single
84              (D) TOPOLOGY:      linear
85
86         (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
87
88  CCCCCCCCCC CCCCCTGCA                                      19
89
90
91
92  (2) INFORMATION FOR SEQ ID NO:     3:
93
94          (i) SEQUENCE CHARACTERISTICS:
95
96              (A) LENGTH:        20
97              (B) TYPE:          nucleic acid
98              (C) STRANDEDNESS:  single
99              (D) TOPOLOGY:      linear
```

INPUT SET: S9193.raw

```
100
101            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
102
103    CTGCAGGGGG GGGGGGGGGG                                    20
104
105
106    (2) INFORMATION FOR SEQ ID NO:     4:
107
108            (i) SEQUENCE CHARACTERISTICS:
109
110                (A) LENGTH:          9
111                (B) TYPE:            nucleic acid
112                (C) STRANDEDNESS:    single
113                (D) TOPOLOGY:        linear
114
115            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
116
117    CCCCCCCCC                                                9
118
119
120    (2) INFORMATION FOR SEQ ID NO:     5:
121
122            (i) SEQUENCE CHARACTERISTICS:
123
124                (A) LENGTH:          9
125                (B) TYPE:            nucleic acid
126                (C) STRANDEDNESS:    single
127                (D) TOPOLOGY:        linear
128
129            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
130
131    GGGGGGGGG                                                9
132
133
134    (2) INFORMATION FOR SEQ ID NO:     6:
135
136            (i) SEQUENCE CHARACTERISTICS:
137
138                (A) LENGTH:          5
139                (B) TYPE:            nucleic acid
140                (C) STRANDEDNESS:    single
141                (D) TOPOLOGY:        linear
142
143            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
144
145    CTGCA                                                    5
146
147    (2) INFORMATION FOR SEQ ID NO:     7:
148
149            (i) SEQUENCE CHARACTERISTICS:
150
151                (A) LENGTH:          9
152                (B) TYPE:            nucleic acid
```

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RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/486,913*

DATE: 03/08/96
TIME: 16:38:17

INPUT SET: S9193.raw

```
153                    (C) STRANDEDNESS:    single
154                    (D) TOPOLOGY:         linear
155
156           (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
157
158     CTGCATGCA                                              9
159
160
161     (2) INFORMATION FOR SEQ ID NO:    8:
162
163           (i) SEQUENCE CHARACTERISTICS:
164
165                    (A) LENGTH:           10
166                    (B) TYPE:             nucleic acid
167                    (C) STRANDEDNESS:     single
168                    (D) TOPOLOGY:         linear
169
170           (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
171
172     CTGCATGCAG                                            10
173
174
175
176
177
```

****** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

```
161    (2) INFORMATION FOR SEQ ID NO:     8:
162
163            (i) SEQUENCE CHARACTERISTICS:
164
165                    (A) LENGTH:        10
166                    (B) TYPE:          nucleic acid
167                    (C) STRANDEDNESS:  single
168                    (D) TOPOLOGY:      linear
169
170            (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
171
172    CTGCATGCAG                                           10
173
174
175
176
177
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/486,913*

INPUT SET: S9193.raw

Line   Error   Original Text

AU 1211

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION   *US/08/486,913*

DATE: 03/08/96
TIME: 09:50:50

INPUT SET: S9193.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

```
 1                              SEQUENCE LISTING
 2
 3   (1)     General Information:
 4
 5      (i)   APPLICANT:              Andrew C. Hiatt      Does Not Comply
 6                                                         Corrected Diskette Needed
 7                                    Floyd Rose
 8
 9     (ii)   TITLE OF INVENTION:     3' PROTECTED NUCLEOTIDES
10                                    FOR ENZYME CATALYZED
11                                    TEMPLATE-INDEPENDENT CREATION
12                                    OF PHOSPHODIESTER
13                                    BONDS
14
15    (iii)   NUMBER OF SEQUENCES:    8
16
17     (iv)   CORRESPONDENCE ADDRESS:
18
19            (A)   ADDRESSEE:        Lyon & Lyon
20            (B)   STREET:           633 West Fifth Street
21                                    Suite 4700
22            (C)   CITY:             Los Angeles
23            (D)   STATE:            California
24            (E)   COUNTRY:          U.S.A.
25            (F)   ZIP:              90071
26
27      (v)   COMPUTER READABLE FORM:
28
29            (A)   MEDIUM TYPE:      3.5" Diskette, 1.44 Mb
30                                    storage
31            (B)   COMPUTER:         IBM Compatible
32            (C)   OPERATING SYSTEM: IBM P.C. DOS 5.0
33            (D)   SOFTWARE:         Word Perfect 5.1
34
35     (vi)   CURRENT APPLICATION DATA:
36
37            (A)   APPLICATION NUMBER:
38            (B)   FILING DATE:
39            (C)   CLASSIFICATION:
40
41    (vii)   PRIOR APPLICATION DATA:
42            Prior applications total,
43            including application
44            described below:
45
```

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION *US/08/486,913*

DATE: 03/08/96
TIME: 09:50:53

INPUT SET: S9193.raw

```
        46      (viii)  ATTORNEY/AGENT INFORMATION:
        47              (A)   NAME:                   Guise, Jeffrey W.
        48              (B)   REGISTRATION NUMBER:    34,613
        49              (C)   REFERENCE/DOCKET NUMBER: 207/145
        50
        51      (ix)    TELECOMMUNICATION INFORMATION:
        52
        53              (A)   TELEPHONE:              (619) 552-8400
        54              (B)   TELEFAX:                (619) 552-0159
        55              (C)   TELEX:                  67-3510(2)  INFORMATION FOR SEQ ID NO:
        56
-->     57              (i)   SEQUENCE CHARACTERISTICS:
        58
-->     59                    (A)   LENGTH:           12
-->     60                    (B)   TYPE:             nucleic acid
-->     61                    (C)   STRANDEDNESS:     single
-->     62                    (D)   TOPOLOGY:         linear
        63
-->     64              (ix)  Features:
        65
-->     66                    (D)   Other Information:  base number 12 is m7g
        67
        68
-->     69              (xi)  SEQUENCE DESCRIPTION: SEQ ID NO: 1:
        70
        71      CCCCCCCCCC CG                                                    12
        72
        73
        74
```

ERRORED SEQUENCES FOLLOW:

```
       159      (2) INFORMATION FOR SEQ ID NO:     8:
       160
       161              (i)  SEQUENCE CHARACTERISTICS:
       162
       163                    (A) LENGTH:           10
       164                    (B) TYPE:             nucleic acid
       165                    (C) STRANDEDNESS:     single
       166                    (D) TOPOLOGY:         linear
       167
-->    168              (ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
       169
       170      CTGCATGCAG                                                       10
       171
       172
       173
       174
       175
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/08/486,913*

INPUT SET: S9193.raw

Line	Error	Original Text
15	Number of Sequences (8) Doesn't Equal Actual Count (7)	(iii) NUMBER OF SEQUENCES: 8
57	Unknown or Misplaced Identifier	(i) SEQUENCE CHARACTERISTICS:
59	Unknown or Misplaced Identifier	(A) LENGTH: 12
60	Unknown or Misplaced Identifier	(B) TYPE: nucleic acid
61	Unknown or Misplaced Identifier	(C) STRANDEDNESS: single
62	Unknown or Misplaced Identifier	(D) TOPOLOGY: linear
64	Unknown or Misplaced Identifier	(ix) Features:
66	Unknown or Misplaced Identifier	(D) Other Information: base number 12 is m7g
69	Unknown or Misplaced Identifier	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
168	Wrong Sequence Number	(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10: